



**CITY OF KIRKLAND**  
Department of Public Works  
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## MEMORANDUM

**To:** Kurt Triplett, City Manager

**From:** Aparna Khanal, P.E, Senior Project Engineer  
Dave Snider, P.E., Capital Projects Manager  
Kathy Brown, Public Works Director

**Date:** April 4, 2019

**Subject:** JUANITA DRIVE INTERSECTION AND SAFETY IMPROVEMENTS (STC 08900)  
PROJECT UPDATE

### **RECOMMENDATION:**

City Council to:

- Receive an update from staff about the Juanita Drive Intersection and Safety Improvements Project (Project), and
- Approve by motion a recommended scope element modification and net-zero budget amendment.

### **BACKGROUND DISCUSSION:**

The Juanita Drive corridor is an important regional connection and is used heavily by motorists, cyclists, and pedestrians. In 2014, through a technical review and an extensive stakeholder engagement process, the City completed a Juanita Drive Corridor Study ([Study](#)) that identified 33 vehicular, pedestrian, and bicycle safety improvements. In 2018, under the Juanita Drive Quick Wins Project construction contract, the first 11 sidewalk, crosswalk, bike lane, and lighting safety improvements were completed.

### **DISCUSSION:**

The 2019-2024 Capital Improvement Program, as approved by the Council in December 2018, provides for the implementation of the next eight Juanita Drive improvements through two separate funded projects. Six improvements are included in the Project that is the subject of this staff report (STC 0890) for 2019/2020, and two are in the Juanita Drive Multi-Modal Improvements (NMC 9010) scheduled in 2020. The 14 remaining projects presently are unfunded within the Juanita Drive Bicycle and Pedestrian Improvements (NMC 9011).

Please see Figure 1 and Table 1, below, for locations and improvement descriptions.

**Table 1 – Descriptions of Work**

Project	Description
STC 0890	Funded
I3	Intersection realignment with Rapid Flashing Beacon (RFB) crossings at NE 112th Street
I5	Left turn pocket with RFB at NE 128th Street
I6	Left turn pocket, walkway, RFB—NE 132nd Street to NE 133rd Place
R5	NE 120th Street to NE 122nd Lane—center turn lane, bike lane and walkway
R7	NE 133rd Place to NE 138th Street—buffered bike lane, walkway
R8	NE 138th Street to NE 138th Place—buffered bike lane, walkway, re-channelization
NMC 9010	Funded
NM4	Pedestrian Crossing/walkway from NE 123rd Street to NE 124th Street
NM5	Pedestrian/Bicycle Corridor treatment. NE 132nd Street and Juanita Drive to 72nd Avenue NE
NMC 9011	Unfunded. R6 is 1 of 14 projects identified in NMC9011
R6	Buffered bike lane both sides and walkway on east - NE 124th Street to NE 132nd Street

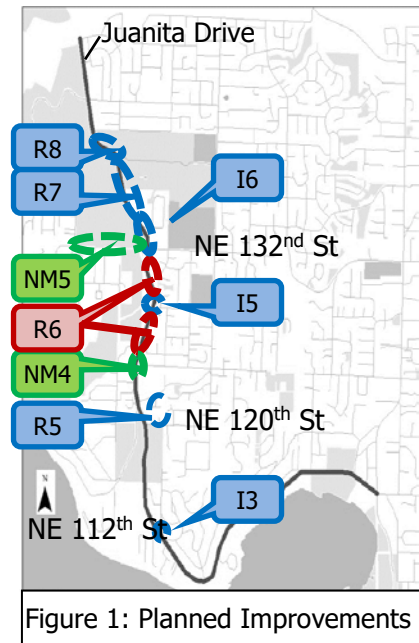


Figure 1: Planned Improvements

**Scope and Proposed Funding Modifications**

At its December 11, 2018 meeting, the City Council asked staff to review the original scopes for the two funded CIP projects, specifically to look for gaps in the non-motorized aspects of those projects. The concept was to maximize the benefits of street frontage improvements (sidewalks) installed by private developers in the years since the Juanita Drive Corridor Study was completed. Based on that review, two gaps were identified between N.E. 120<sup>th</sup> Street to N.E. 132<sup>nd</sup> Street. The improvements needed to fill in those gaps were identified in the original Corridor Study as improvement R6, which is part of the currently unfunded project, NMC 9011.

Although R6 was not identified as a high priority project in the Juanita Drive Corridor Study, staff recommends moving R6 from the unfunded project NMC 9011 to the funded project STC0890, to provide for continuous non-motorized improvements between N.E. 120<sup>th</sup> Street and N.E. 132<sup>nd</sup> Street. To offset the cost, staff recommends moving improvements R7 and R8 (buffered bike lanes) from STC 0890 to the unfunded NMC 9011 for a net-zero impact to the current Project budget. The result would be continuous pedestrian amenities between N.E. 120<sup>th</sup> and N.E. 132<sup>nd</sup> Streets.

### Budget Implications

The proposed scope modifications result in no additional funding needed for the current \$6.6 million Project budget. The current estimates for Improvements R6 (\$1.6M) and R7 +R8 (\$1.0M + \$0.6M = \$1.6M) effectively offset each other out, as shown below in Table 2:

**Table 2 - Proposed Project Scope**

Study ID	Funding (\$ in millions)	Funding (\$ in Millions)
STC89	<b>Current</b>	<b>Proposed</b>
I3	\$ 2.3	\$ 2.3
I5	\$ 1.2	\$ 1.2
I6	\$ 1.1	\$ 1.1
R5	\$ 0.4	\$ 0.4
R7	\$ 1.0	\$ -
R8	\$ 0.6	\$ -
NMC 9011	<b>Current</b>	<b>Proposed</b>
R6	\$ -	\$ 1.6
Total	\$ 6.6	\$ 6.6

### Schedule and Outreach

Staff is seeking the Council's concurrence with the proposed scope and funding modification for CIP projects STC 0890 and NMC 9011. If Council concurs, it should approve a motion authorizing the scope and funding change. The Project's design effort will take about 11 months and is expected to be completed in the first quarter of 2020. Presently, the Project is shown in the approved CIP as funded with a combination of City and debt funding. Assuming all funding were to be in place, construction could begin as soon as 2020.

As part of the design process, Public Works staff and the City's consultant will keep residents apprised of the Project's progress through informational flyers and regular updates to the currently-under-construction Project website.